

Amendments to the Claims

Claims 1-10 (Cancelled).

11. (Previously presented): A boron and/or phosphorus doped silicon dioxide selective to undoped SiO_2 and Si_3N_4 etchant gas composition, consisting essentially of:

- a carrier gas;
- at least one of C_4F_6 and C_5F_8 ;
- CH_2F_2 ; and
- CF_4 , the etchant gas composition being selective to both undoped SiO_2 and Si_3N_4 relative to doped SiO_2 comprising one or both of boron and phosphorous.

Claims 12 and 13 (Cancelled).

14. (Original): The etchant gas composition according to Claim 11, wherein the carrier gas is selected from the group consisting of argon, helium, and xenon.

15. (Previously Presented): The etchant gas composition according to Claim 11, wherein the carrier gas comprises argon.

16. (Previously presented): A boron and/or phosphorus doped silicon dioxide selective to undoped SiO_2 and Si_3N_4 etchant gas composition, consisting essentially of:

a carrier gas;

at least one of C_4F_6 and C_5F_8 ;

CH_2F_2 ;

CHF_3 ; and

CF_4 constituting a boron and/or phosphorus doped silicon dioxide selective to undoped SiO_2 and Si_3N_4 etchant gas composition.

Claims 17 and 18 (Cancelled).

19. (Previously presented): The etchant gas composition according to Claim 16, wherein the carrier gas is selected from the group consisting of argon, helium, and xenon.

20. (Previously Presented): The etchant gas composition according to Claim 16, wherein the carrier gas comprises argon.

Claims 21-68. (Cancelled).

69. (Previously Presented): The etchant gas composition according to Claim 11 wherein the carrier gas comprises helium.

70. (Previously Presented): The etchant gas composition according to Claim 16 wherein the carrier gas comprises helium.

Claims 71- 72 (Cancelled).

73. (Previously Presented): The etchant gas composition according to Claim 11 wherein the carrier gas comprises xenon.

74. (Previously Presented): The etchant gas composition according to Claim 16 wherein the carrier gas comprises xenon.

Claims 75-80 (Cancelled).

81. (Currently amended): The etchant gas composition according to Claim 11, containing ~~contains~~ C_4F_6 .

Claim 82 (Cancelled).

83. (Currently amended): The etchant gas composition according to Claim 11, containing ~~contains~~ C_5F_8 .

84. (Currently amended): The etchant gas composition according to Claim 16, containing ~~contains~~ C_4F_6 .

Claim 85 (Cancelled).

86. (Currently amended): The etchant gas composition according to Claim 16, containing ~~contains~~ C_5F_8 .